Washington State Department of Transportation

Field Note Record

Contract No.	Station	Mile/Line:	C/S
008127	8338~ to 8346~	LW Stationing	

Staked by	Date	Work Started Date	Work Completed Date
O'Bunco Engineering		9/12/2017	

Calculated by	Date	Checked by	Date	Inspector	Date
Todd Dellinger		E. Knudson		Todd Dellinger	9/13/17
9/13/2017		10/6/2017			

Bid Item # 75
Testing Storm Sewer Pipe

Group # 1

Description:
Testing the required trunks on the West Approach

Pipe Runs:
DR01-18A: Trunk 7-20 = 28 L.F.
DR01-10: Trunk 5 = 52 L.F.
DR01-11: Trunk 6 = 50 L.F.
DR01-1: Trunk 1 = 128 L.F.
DR01-3: Trunk 1 = 55 L.F.
DR01-2: Trunk 1 = 203 L.F.
DR01-4: Trunk 2 = 70 L.F.
DR01-7: Trunk 4 = 18 L.F.

404 ft.

Quantities:

28' + 52' + 50' + 128' + 55' + 203' + 70' + 18' = 604 L.F.

O.K to Pay 604 L.F.

Item Num	Material Brand Name/Model Type	Manufacturer	Brand Name/Model Type	RAMS/QPL Ref. No.	Appr/Acc Code	Basis of Accept
					/	

Item Num	Item Description	Grp	Date Work Complete	Unit	Quantity	Ledger Entry No.	Posted By Init.	Posted By Date	Checked By Init.	Checked By Date	Est. No.
0075	TESTING STORM SEWER PIPE	1	10/5/2017	L.F.	604	6148	EK	10/09/17	DMM	10/09/17	74

Attachments

File Attachment

File Attachment

DOT Form IP 422-635ER EF
Revised 4/2009

Washington State Department of Transportation

Field Note Record

Contract No.	Station	Mile/Line:	C/S
008127	8383+31 - 8389+39	LW Stationing	

Staked by	Date	Work Started Date	Work Completed Date
O'Bunco Engineering		6/30/2017	

Calculated by	Date	Checked by	Date	Inspector	Date
Todd Dellinger		E. Knudson		Todd Dellinger	7/24/17
7/24/2017		8/15/2017			

Bid Item # 75
Testing Storm Sewer Pipe

Group # 1

Description:
Testing the required trunks near Wall 75

Pipe Runs:
DR01- 1: Trunk 1= 128 L.F.
DR01-2: Trunk 1 = 203 L.F.
DR01-3: Trunk 1 = 55 L.F.
DR01-7: Trunk 4 = 18 L.F.
DR01-7A: Trunk 4 = 30 L.F.

404 L.f.

DR01's are part of the CRIP. Per note 56, on page 319, testing is required on the above listed trunks. Per Robert Fleming, Asst. PE, pay under Item 75, EK

DR03-25 Trunk 7-20 = 70 L.F
DR04-3 to DR04-4C: Trunk 7-13 = 86 L.F.
DR04-1 to DR04-2: Trunk 7-12 = 51 L.F.
DR04-8 to DR04-8B: Trunk 7-16 = 95 L.F.
DR04-4B: Trunk 7-14 = 68 L.F.
DR04-9A: Trunk 7-17 = 19 L.F.
DR04-21: Trunk 7-29 = 150 L.F.
DR05-15: Trunk 7-29 = 300 L.F.

Quantities:

86' + 51' + 95' + 68' + 19' + 150' + 300' + 128' + 203' + 55' + 18' + 30' + 70' = 1273 L.F.

O.K to Pay 1273 L.F.

Item Num	Material Brand Name/Model Type	Manufacturer	Brand Name/Model Type	RAMS/QPL Ref. No.	Appr/Acc Code	Basis of Accept
					/	

Item Num	Item Description	Grp	Date Work Complete	Unit	Quantity	Ledger Entry No.	Posted By Init.	Posted By Date	Checked By Init.	Checked By Date	Est. No.
0075	TESTING STORM SEWER PIPE	1	8/5/2017	L.F.	1273	6003	EK	08/16/17	DMM	08/18/17	70

Attachments

File Attachment

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DOT Form IP 422-635ER EF
Revised 4/2009

Washington State Department of Transportation

Field Note Record For Drainage

Contract No.	Station / Line / MP	Staked by	Date	SR No.	Structure Code
008127	LW 8395+38	WSDOT		90	DR05-13

Calculated by	Date	Date Work Started	All Work on this Structure 100% Completed?	
M. Gipner	8/4/2016		Yes ○	No ◉ (Partial Payment)

Inspector	Date	Reviewed by	Date		
M. Gipner	8/4/2016	JH	8/5/2016		
Checked by	**Date**	**Materials Mgr.**	**Date**	**Materials**	
E. Knudson	8/9/2016			No	

On 7-5-16 performed low pressure air test on pipe DR05-13, test passed.

Field measured pipe 6/28/16 with 200' rag tape: 163.0' outside of manhole to outside of grate inlet
163.0' + 0.67' manhole wall thickness + 0.42' grate inlet wall thickness = 164.09'

Pay 164 L.F.

Shipment Tag/Stamp #		Make/Model/Product #	

Item and Doc Num	Item Num	Material Brand Name, Model or Type	Manufacturer	RAMS/QPL Ref. No.	Method of Accept. / Accept. Code	Used Y/N	FNR # (Office Use)	Acceptance Date Installed	Quan.

Item Num	Item Description	Grp	Date Work Completed	Unit	Quantity	Ledger Entry No.	Posted By Init.	Posted By Date	Checked By Init.	Checked By Date	Est. No.
0075	TESTING STORM SEWER PIPE	1	8/5/2016	L.F.	164	5146	EK	8/15/16	DMM	8/16/16	58

Attachments

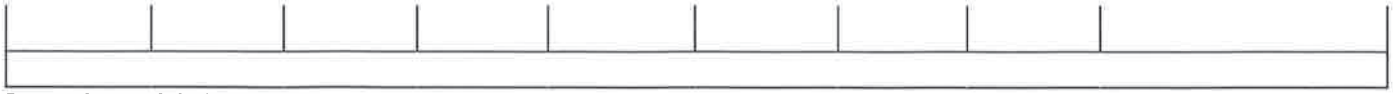
File Attachment

DOT Form IP422-637 EF
Revised 04/2011

Structure Excavation

Pipe Structure Width

Station	Flow Line Grade	Original Ground	Sub-Grade	Centerline Cut		Offset Hub	Offset Cut F.L	Remarks
				Flow Line	Bottom Ditch			



Remarks and Calculations

Washington State Department of Transportation

Field Note Record

Contract No.	Station	Mile/Line:	C/S
8127	LE 8363+72.47 to 8368+52.64	I-90 / LE	

Staked by	Date	Work Started Date	Work Completed Date
WSDOT		6/14/2016	

Calculated by	Date	Checked by	Date	Inspector	Date
Blake Thomas		E. Knudson		Blake Thomas	6/14/16
6/22/2016		6/30/2016			

BID ITEM #075
TESTING STORM SEWER PIPE
EB KLAB EAST APPROACH
Estimate 57
Group #: 1

Description:

EB KLAB east approach DR03-07, DR03-08, and DR03-10 storm sewer pipes tested on 6/14/2016.

Stationing:

DR03-07: LE 8363+72.47 to 8365+52.22
DR03-08: LE 8365+52.22 to 8367+85.28
DR03-10: LE 8368+02.76 to 8368+52.64

Note: Stationing above reflects values between center of structures and not actual pipe length. Actual pipe lengths shown below are measured from and to the inside wall of each structure.

Quantities:

DR03-07 = 178.9 L.F.
DR03-08 = 228.5 L.F.
DR03-10 = 45.3 L.F.
Total = 452.7 L.F.

Estimate 57 Current Measurement of 453 L.F.

Note:

Measurements taken using 25' tape and 100' tape.

Item Num	Material Brand Name/Model Type	Manufacturer	Brand Name/Model Type	RAMS/QPL Ref. No.	Appr/Acc Code	Basis of Accept
					/	

Item Num	Item Description	Grp	Date Work Complete	Unit	Quantity	Ledger Entry No.	Posted By Init.	Posted By Date	Checked By Init.	Checked By Date	Est. No.
0075		1	6/14/2016	L.F.	453	4961	EK	07/07/16	DMM	07/08/16	57

TESTING STORM SEWER PIPE

Attachments

- File Attachment
- File Attachment

Washington State Department of Transportation

Field Note Record For Drainage

Contract No.	Station / Line / MP	Staked by	Date	SR No.	Structure Code
008127	LW 8393+69	WSDOT		90	DR05-22

Calculated by	Date	Date Work Started	All Work on this Structure 100% Completed?	
M. Gipner	8/5/2016	6/23/2016	Yes ○	No ◉ (Partial Payment)

Inspector	Date	Reviewed by	Date		
M. Gipner	8/5/2016	JH	8/12/2016		
Checked by	**Date**	**Materials Mgr.**	**Date**	**Materials**	
E. Knudson	8/15/2016	Mark Lee	8/24/2016	Yes	

Work Description:

On 7-5-16 performed low pressure air test on pipe DR05-22, test failed. Pipe was repaired and then retested on 8-2-16 and passed. Only pay for passing test per field engineer John Harris.

On 7-6-16 the channel and shelf at the bottom of the manhole was poured.

On 8-4-16 a 4' tall, 4' inside diameter precast riser section was added on top of the previously installed 96" inside diameter flat slab top.

B.I.# 75 TESTING STORM SEWER PIPE

Field measured pipe 6/24/16 with 200' rag tape: 123.7' outside to outside of manholes
123.7' + 0.67' wall thickness x 2 = 125.03'

Pay 125 L.F.

B.I. # 584 - CO 118 - MANHOLE 96 IN. DIAM. TYPE 2

8.2' height measured from outfall flowline to top of 96" inside diameter flat slab top was paid in estimate 57. 8.2' from estimate 57 +4.0' riser in estimate 58 = 12.2' tall from outflow pipe flowline. Per standard specification 7-05.4 manholes in excess of 10' in height measured from the flow line of the outfall pipe up is paid per additional linear foot of height in addition to the Per each item. 12.2' > 10', therefore combined with the channel and shelf being constructed this bid item is complete for DR05-22. In estimate 57 0.90 each was paid. 1.00 - 0.90 = 0.10

Pay 0.10 each

B.I. # 585 - CO 118 - MANHOLE ADD HT. 96 IN. DIAM. TYPE 2

8.2' height measured from outfall flowline to top of 96" inside diameter flat slab top which was paid in estimate 57. 8.2' from estimate 57 + 4.0' riser in estimate 58 = 12.2' tall from outflow pipe flowline. Per standard specification 7-05.4 manholes in excess of 10' in height measured from the flow line of the outfall pipe up is paid per additional linear foot of height in addition to the Per each item. 12.2' - 10.0' = 2.2'. Per standard specification 7-05.4 measurement will be to the nearest foot.

Pay 2 L.F.

Materials:

Item 584 & 585 manhole material have not yet been approved. An "authority to install material prior to submitting the required certification" form was signed by KLB foreman. QPL 057 approved the manhole from H2 precast, but bid items 584 & 585 were not included on the QPL item list. Quantities:
B.I. 584: 0.10 each
B.I. 585: 2.2 L.F.

Shipment Tag/Stamp #		Make/Model/Product #	

Item and Doc Num	Item Num	Material Brand Name, Model or Type	Manufacturer	RAMS/QPL Ref. No.	Method of Accept. / Accept. Code	Used Y/N	FNR # (Office Use)	Acceptance Date Installed	Quan.
584.04 RAM-0260.1	584.04	Concrete Class 3000 w/ air Concrete Mix 300	Ellensburg Cement Products	RAM-0260.1	1, 8	Y	FNR-2235	7/6/2016	3.5 C.Y.
584.01 QPL-0057	584.01	Manhole	H2 Pre-Cast Inc.	QPL-0057	5120	Y	FNR-2236	7/6/2016	1.10 EA
585.01 QPL-0057	585.01	Manhole	H2 Pre-Cast Inc.	QPL-0057	5120	Y	FNR-2237	7/6/2016	2.2 LF

Item Num	Item Description	Grp	Date Work Completed	Unit	Quantity	Ledger Entry No.	Posted By Init.	Posted By Date	Checked By Init.	Checked By Date	Est. No.
0075	TESTING STORM SEWER PIPE	1	8/2/2016	L.F.	125	5219	EK	8/24/16	DMM	8/24/16	58
0584	CO 118-MANHOLE 96 IN. DIAM. TYPE 2	1	8/4/2016	EA...	0.10	5220	EK	8/24/16	DMM	8/24/16	58
0585	CO 118-MANHOLE ADD HT. 96 IN DIAM TYPE 2	1	8/4/2016	L.F.	2	5221	EK	8/24/16	DMM	8/24/16	58

Attachments

File Attachment

DOT Form IP422-637 EF
Revised 04/2011

Structure Excavation					Pipe Structure Width			
Station	Flow Line Grade	Original Ground	Sub-Grade	Centerline Cut		Offset Hub	Offset Cut F.L	Remarks
				Flow Line	Bottom Ditch			

Remarks and Calculations